			٠,				
•			-	<b>1</b> 2TO/5	SB/05 (03-0	01)	
	Approved 1	for use throug	h 10/31/200	2. OM	IB 0651-00	132	
ttorney Docke	et No.	740709	-510				
irst Inventor		Shozo k	0				
itle CO	PPER-CL	AD LAM	INATE			<sup>-</sup> 28	
xpress Mail L	abel No.					7.8 48	
ADDRESS TO: Box Patent Application Washington, DC 20231						497 0/69	
<ul> <li>7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> <li>a.  Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ol> <li>CD-ROM or CD-R (2 copies; or</li> <li>paper</li> <li>Statements verifying identity of above copies</li> </ol> </li> <li>ACCOMPANYING APPLICATION PARTS</li> </ul>							
9. <b>S</b> 10. <b>1</b> 11. <b>1</b> 12. <b>1</b>	Assignme 37 CFR 3. (when their English Tr Information Statement Preliminar	nt Papers (c .73(b) States re is an assi ranslation D on Disclosus (IDS)/PTO ry Amendm eccipt Postca	over sheet ment gnee) ocument ( re -1449 ent	& dox	cument(s) Power o Attorney	f / of IDS	

## **UTILITY**

F PATENT APPLICATION T **TRANSMITTAL** (Only for new nonprovisional applications under 37 CFR 1.53(b)) APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. 1. E Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) ☐ Applicant claims small entity status. See 37 CFR 1.27. 3. Ex Specification [Total Pages 28] (preferred arrangement set forth below) Descriptive title of the invention Cross Reference to Related Applications (if applicable) Statement Regarding Fed sponsored R & D (if applicable) Reference to sequence listing, a table, or a computer program listing appendix (if applicable) Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) **Detailed Description** Claim(s) Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) Figs. 1-4 [Total Sheets 4] 5. Oath or Declaration [Total Pages 5] a. E Newly executed (original or copy) b. Oopy from a prior application (37 CFR 1.63(d)) (Should be specifically itemized) (for continuation/divisional with Box 18 completed) 15. E Certified Copy of Priority Document(s) <u>Japanese</u> **DELETION OF INVENTOR(S)** Application 2003-201706 filed July 25, 2003 Signed statement attached deleting inventor(s) (if foreign priority is claimed) named in the prior application, see 37 CFR 16. Nonpublication request under 35 U.S.C. 1.63(d)(2) and 1.33(b) 122(b)(2)(B)(i). Applicant must attach form 6. Application Data Sheet. See 37 CFR 1.76 PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Divisional ☐ CIP of prior application No .: \_ Continuation Group / Art Unit: Examiner\_ Prior application information: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS ☐ Correspondence address below Customer Number or Bar Code Label 22204 Name Address Zip Code State City (202) 585-8080 (202) 585-8000 Telephone Country Registration No. (Attorney/Agent) 35,483 Jeffrey L. Costellia Name (Print/Type) Date October 29, 2003 Signature

NVA280553.1

	Complete if Known								
TOTAL COLOR AND A NICE ATTOTAL	Applica	Application Number Not Yet Assigned							
FEE TRANSMITTAL	Filing I	Filing Date			October 29, 2003				
FOR FY 2003	First Na	First Named Inventor			Shozo KATSUKI et al				
Patent fees are subject to annual revision.	Examin	Examiner Name			Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1.27	Art Uni	Art Unit			Not Yet Assigned				
TOTAL AMOUNT OF PAYMENT (\$)810.00	Attorney Docket No.				740709-510				
"METHOD OF PAYMENT (check all that apply)	h				FEE CALCULATION (continued)				
	3. AI	DITIO	NAL F	EES					
Check Credit Card Money Order None		_							
Deposit Account:	Large	Entity	Small	Entity					
Denosit	Fee	Fee	Fee Code	Fee (\$)		Fee Descript	ion		
Account Number 19-2380(740709-510)	Code 1051	( <b>\$)</b> 130	2051	65	Surch	arge - late filing fee or	oath		
Number	1052	50	2052	25		arge - late provisional fi	iling fee or cover		
	1053	130	1053	130	sheet Non-l	English specification			
Deposit Account Nixon Peabody LLP	1812	2,520	1812	2,520		ling a request for ex par	te reexamination		
Name	1804	920*	1804	920*					
The Commissioner is authorized to: (check all that apply)	i				action	1		<u> </u>	
Charge fee(s) indicated below Credit any overpayments	1805	1,840*	1805	1,840	Reque	esting publication of SII 1	k aiter Examiner		
Charge any additional fee(s)	1251	110	2251	55			st month		
Charge fee(s) indicated below, except for the filing fee	1252	420	2252	210	) Exter	sion for reply within se			
to the above-identified deposit account.	1253	950	2253	47:	5 Exter	sion for reply within thi			
FEE CALCULATION	1254	1,480	2254	740	) Exter	nsion for reply within fo	n for reply within fourth month		
1. BASIC FILING FEE	1255	2,010	2255	1,00	5 Exter	nsion for reply within fif	Rh month		
Large Entity Small Entity	1401	330	2401	16		e of Appeal			
Fee Fee Fee Fee Description  Code (S) Code (S) Fee Paid	1402	330	2402	16	5 Filin	g a brief in support of ar	appeal		
Code (\$) Code (\$) Fee Paid	1403	290	2403	14	•	est for oral hearing			
1001 770 2001 385 Utility filing fee 770.00	1451	1,510	1451	1,51		ion to institute a public t			
1002 340 2002 170 Design filing fee	1452	110	2452	5		ion to revive – unavoida			
1003 530 2003 265 Plant filing fee	1453	1,330	2453	66	5 Petit	ion to revive – unintenti	onal		
1004 770 2004 385 Reissue filing fee	1501	1,330	2501	66	5 Utili	ty issue fee (or reissue)			
1005 160 2005 80 Provisional filing fee	1502	480	2502	24		gn issue fee			
1000 100 2000 00 1000	1503	640	2503	32	-	t issue fee ions to the Commission		<b> </b>	
SUBTOTAL (1) (\$)770.00	1460	130	1460	13					
	1807	50	1807			essing fee under 37 CFI			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		180	1806	18		nission of Information I ording each patent assign		40.00	
Fee from Extra Claims below Fee Paid	8021	40	8021	-	(tim	es number of properties)	)	40.00	
Total Claims 13 -20** = 0 X = =	1809	770	2809	38		ig a submission after fin CFR 1.129(a))	al rejection		
Independent 2 -3** = 0 X =	1810	770	2810	38	`	each additional inventio	n to be examined		
Claims					(37	CFR 1.129(b)) uest for Continued Exam	nination (RCF)	<del></del>	
Multiple Dependent $X = 0$	1801	770	2801	38	ьэ кец	ucat for Continued Exam			
Large Entity Small Entity	1802	900	1802	90		uest for expedited exam	ination of a design		
Fee Fee Fee <u>Fee Description</u>					appl	lication			
Code (\$) Code (\$)	Other	r fee (spe	cify)	-					
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3									
	*Red	luced by I	Basic Fil	ing Fee	Paid	SUBTOTAL	(3) (\$) 40.00		
1203 290 2203 145 Multiple dependent claim, if not paid								N-N	
1204 86 2204 43 ** Reissue independent claims over original patent	-					AILING OR TRANSM	ISSION [37 CFR 1.8	s(a)]	
1205 18 2205 9 ** Reissue claims in excess of 20 and	I h	-	tify that t	his cor	respondenc	e is being: d States Postal Service o	on the date shown hel	low with sufficient	
over original patent	1		noctag	e as fir	et class mai	1 in an envelope address	sed to: Mail Stop		
SUBTOTAL (2) (\$)	1		Comm	issione	r for Patent	s, P. O. Box 1450, Alex	andria, VA 22313-14	45U	
**or number previously paid, if greater; For Reissues, see above	-					on the date shown below		s ratent and	
Trademark Office at (703)									
	1 -		Date				Signature		
Typed or printed name									
Complete (if applicable)									
SUBMITTED BY Jeffrey L. Costellia	Reg	istration	No.	35,	483		(202) 585-80	000	
Name (Print/Type)  Jeffrey L. Costella		orney/As				Telephone			
	-					Date	October 29,	4003	
Signature /// La Co	vlli						1	<u> </u>	
Signature									

SEND TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450